KIRIYAMA Bubble-Size Variable Gas Absorber or Reactor

Gas absorbing reactor capable of bubble-size control (patent pending)



KIRIYAMA succeeded to control the bubble-size without glass filter, only to change the gap of the device opening.

Disassembling and washing of the device is very easy and no fouling.

Control of the bubble-size can be possible only by turning the screw cap and no troublesome for handling.

W77-6,7 Type KIRIYAMA Bubble-Size Variable Gas Absorber or Reactor

We developed the unique bubble-size variable absorber or reactor by applying the ball joint technique which have been established in our company.

These new products are not using any glass filter, so, it causes no fouling and easy to wash and the cost is cheap. It will be substituted to the products in the past.

According to the way of use, we have two types of the products, screw type and glass joint type.

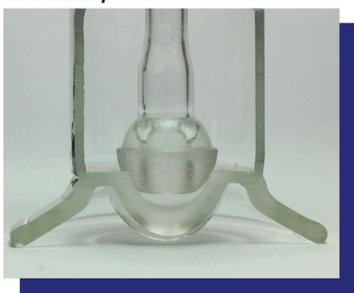
<Screw type>



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Movable portion is only the lid of the device which are for both bubble-size control and disassembling. So,very simple to handling.

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Vertical Cross Section Picture
The center pipe has frosted male joint and the bottom has female one.
Bubble-size control can be possible by turnning the pinch cock and moving the pipe up or down



Parts are consist of screw bottle, center tube, cap, ring for fixing, o-ring.



Standard type (6-type)



It's surface is processed very minute and frosted, so you can get the valieties of fine bubbles down to the No.4 glass filter size successively.

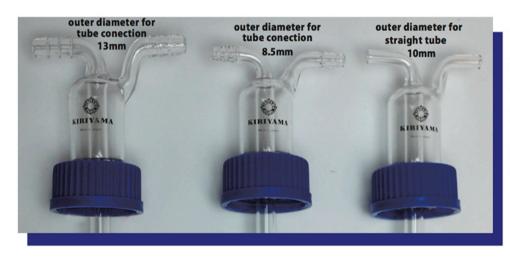


Slit type (7-type)



Etching is made on the surface of the male joint, then bubbles having valieties of size generate from G-1 to G-2 size level of the glass filter by controling the screw cap.

Pressure loss of the gas will be very small.



You can sellect the hose from 4 sizes according to the standard, 8.5mm(o.dia.), 13mm(o.dia.) as tube conect type, and 8mm(o.dia.),10mm(o.dia.) as straight type.

The parts of the screw type are following to the GL standard, so, you can use the comercial cap & packing.

W77-6 type bubble -size variable standard bottle

Size Catalogue No.	outer diameter for straight tube about 10mm	outer diameter for tube conection about 8.5mm	outer diameter for tube conection about 13mm	applicable bottle	PRICE not including tax
W77-6-1	•			250ml	¥ 18,500
W77-6-2		•		и	u
W77-6-3		1	•	и	и
W77-6-4	•			500ml	¥ 21,000
W77-6-5		•		и	u
W77-6-6			•	"	u

W77-7 type bubble -size variable Slit bottle

Size Catalogue No.	outer diameter for straight tube about 10mm	outer diameter for tube conection about 8.5mm	outer diameter for tube conection about 13mm	applicable bottle	PRICE not including tax
W77-7-1	•			250ml	¥ 18,500
W77-7-2		•		"	"
W77-7-3			•	"	u
W77-7-4	•			500ml	¥ 21,000
W77-7-5		•		u	u .
W77-7-6			•	"	u .

<Joint type>

Joint type feature is that the bubbling control function is attached in the center tube. We can make large scale device more than 500ml as custom-made and also can set to your desirable flask.

The device can generate various bubbles from about 10mm size to G-4 glass filter size successively.

* Please ask us about the details when you want to buy our products, because it may change the shape in the future.

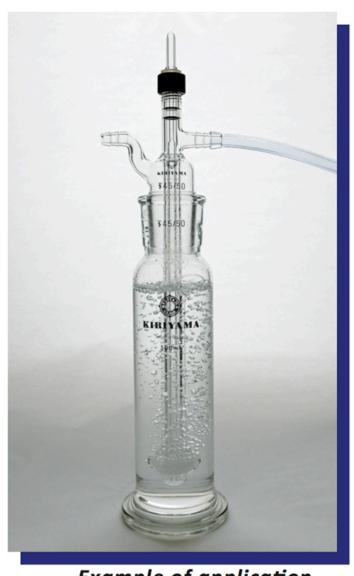
<features>



When Turning the black cock of the top, then you can control bubble-size.



Center tube can be easily disassembled and washed.



Example of application



Video site of bubbling will be observed for about one minute by the QR code. W77-5 Bubble-size variable bottle joint type





The bubble-size can be controled successively.

KIRIYAMA GLASS WORKS COMPANY

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W77-5 Bubble-size variable bottle joint type

Joint Size \$45/40 Catalogue No.	bottle size	PRICE not including tax	
W77-5-1	250ml	¥ 22,000	
W77-5-2	500ml	¥ 25,000	